Teaching tools established at KIT during COVID-19 to be preserved for virtual mobility"

EPICUR Forum: "The new digital and physical University Reality - Mobility without borders"

www.kit.edu

Hybrid teaching is now possible everywhere

Temporarily retrofitted
35 Lecture halls

- Live stream of the teacher using the hall microphone and camera
- Use of the visualizer instead of the blackboard
- Remote participants can be heard and shown
- Extandable to show experiments or to use the blackboard

https://www.zml.kit.edu/english/hybrid-teaching-lectures

Hybrid Seminars
in any room

- Easy, mobile Setup (~700€, 2kg, fits in any backpack)
- Tracking camera and wireless microphone for freedom of movement for the teacher
- second wireless microphones, allow everyone to participate in the discussion
- Flexible use: lecture phases, discussion and group work

https://www.zml.kit.edu/english/hybrid-teaching-seminars

Tools to overcome language barriers are available

Unique Live Machine Translation since 2012 in KIT lecture halls

2021 Zoom acquired the KIT Spin-Off and will be offering live translation to every customer in 2022

Translation tools will be integrated everywhere soon. E.g., automatic translation of slides is already available in MS-Teams

Online Examination is now legal …

- … and can be used beyond covid-19 to include remote students
- Federal state law changed in early 2021 and will stay
  - Strict rules to enforce high standards for data privacy
  - But allowance of video supervision
- Can be done with the LMS and Zoom and a smartphone

A supporting infrastructure in EPICUR could simplify the use for teachers and students and reduce the effort of teachers. Thereby encourage the remote examinations in virtual mobility.

Center for Technology-Enhanced Learning